

Overview of the Manual:

The State Laboratory Institute's Manual of Laboratory Test and Services contains a complete listing of all tests performed at the State Laboratory Institute in an easy to read format. The manual describes how to collect and properly package good quality samples for testing to ensure safe transport to the laboratory.

All testing services provided by the State Laboratory Institute are found in Section 3 of the MLTS and are listed alphabetically by test name. Each test profile contains information pertaining to the collection, submission and analysis of samples. Note the information listed under Sample, Sample and Volume, Sample Container, Sample Test Kit, Shipping Requirements and any Special Instructions listed.

The index of tests in Section 4 contains an alphabetical listing of all tests performed along with the corresponding page numbers where specific test profiles can be found.

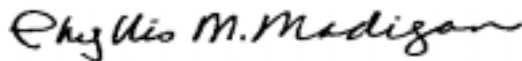
A listing of reportable diseases can be found in Section 2. This list should serve as a reminder to report results to the appropriate agency at the number designated. Results should be reported in a timely manner as noted.

Information regarding sample test kits can be found in Section 5 of the Manual. The information includes guidelines to avoid problems associated with sample collection and submission, a listing of sample test kits available for shipping specimens to the State Laboratory Institute, and how to order the test kits.

Section 6 of the Manual is devoted to packaging and shipping diagnostic specimens and infectious substances. This section contains information on the regulations as they pertain to dangerous or hazardous goods including infectious substances. You are directed to the websites to keep current with the latest changes.

We hope you will find this Manual to be a useful tool. We welcome your input and want to hear from you. What else would you like to see in the manual? If you need additional information or have questions, please call us. This manual can be found at the Bureau of Laboratory Sciences website, www.state.ma.us/dph/sli.htm. The manual will be kept updated continually in its electronic version.

Yours truly,



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MANUAL OF LABORATORY TESTS AND SERVICES

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Bureau of Communicable Disease Control (CDC), Program Contacts:

Communicable Disease Control, (Phone) 617-983-6550, (Fax) 617-983-6925

Division of Epidemiology and Immunization, (Phone) 617-983-6800, (Fax) 617-983-6840

Division of Tuberculosis Prevention and Control, (Phone) 617-983-6970, (Fax) 617-983-6990

HIV/AIDS Surveillance Program, (Phone) 617-983-6560, (Fax) 617-983-6580

Refugee and Immigrant Health Program, (Phone) 617-983-6590, (Fax) 617-983-6597

Division of Sexually Transmitted Disease Prevention, (Phone) 617-983-6940, (Fax) 617-983-6962

Communicable Disease Surveillance Program, (Phone) 617-983-6816, (Fax) 617-983-6813

Laboratory Programs and Sections:

Laboratory:	Phone Number:	Supervisor:	Phone Number:
Analytical Chemistry	(617) 983-6660	Paul Servizio	(617) 983-6653
Antimicrobial Resistance	(617) 983-6619	John Fontana	(617) 983-6619
Bacteriology	(617) 983-6600	Jacqueline Hankerson	(617) 983-6600
Chancroid	(617) 983-6606	Alan Borne	(617) 983-6606
Childhood Lead Screening	(617) 983-6665	Alan Rubin	(617) 983-6666
Chlamydia	(617) 983-6606	Jonelle Moloney	(617) 983-6606
Drug Analysis, Amherst	(413) 545-2601	Alan Stevenson	(413) 545-2601
Drug Analysis, Jamaica Plain	(617) 983-6622	Kevin McCarthy	(617) 983-6622
Enteric Bacteriology	(617) 983-6609	Robert Goldbaum	(617) 983-6609
Food Bacteriology	(617) 983-6610	Robert Goldbaum	(617) 983-6610
Gonorrhea	(617) 983-6606	Alan Borne	(617) 983-6606
HIV	(617) 983-6389	Arthur Kazianis	(617) 983-6389
Milk Bacteriology	(617) 983-6616	Joseph Mucci	(617) 983-6616
Pertussis Serology	(617) 983-6606	Michelle Ballard	(617) 983-6606
Pulsed Field Gel Electrophoresis	(617) 983-6612	Jonas Winchell	(617) 983-6612
Rabies	(617) 983-6387	Scott Hennigan	(617) 983-6391
Reference Bacteriology	(617) 983-6607	Ellen Silva	(617) 983-6607
Sexually Transmitted Diseases	(617) 983-6614	Albert Foley	(617) 983-6615
Syphilis Serology	(617) 983-6614	Michelle Ballard	(617) 983-6614
Tuberculosis	(617) 983-6373	Paul Elvin	(617) 983-6381
Vector-Borne Disease Surveillance	(617) 983-6796	Christopher Mores	(617) 983-6796
Virus Isolation	(617) 983-6382	Raymond Konomi	(617) 983-6382
Virus Serology	(617) 983-6396	Scott Hennigan	(617) 983-6391

Laboratory Services:

Services:	Supervisor:	Phone Number:
Bioterrorism Response Coordinator	Peter Belanger	(617) 983-6267
Laboratory Safety Director	Stephen Ridley	(617) 983-6205
Test Kit Preparation	Millie Govan	(617) 983-6643
Specimen Receiving	Benny Edge	(617) 983-6639
Sodium Sulfide Kits	Jane Gu	(617) 983-6654

Massachusetts Department of Public Health - Diseases Reportable by Healthcare Providers

- ❑ The following diseases should be reported immediately by contacting the local board of health where the case resides or the Massachusetts Department of Public Health at (617) 983-6800 weekdays or at (617) 522-3700 (a 24 hour contact number in service 7 days a week):

Bacterial Meningitis (including suspect)
Botulism (including suspect)
Diphtheria (including suspect)
Haemophilus influenzae (invasive)
Hepatitis, Viral Type A in a foodhandler
Measles (including suspect)
Meningococcal Infection (invasive)

Poliomyelitis (including suspect)
Rabies (Human only)
Rubella, congenital and non-congenital (including suspect)
Tetanus (including suspect)
Any Cluster / Outbreak of Illness

- ❑ Enteric Illness in a foodhandler should be reported ASAP to the local board of health where the case resides and the board of health where the case works.
- ❑ Any cluster of work-related conditions, regardless of whether or not they are on the reportable list, shall be immediately reported by telephone or other electronic means to the MDPH, Occupational Health Surveillance Program at (617) 624-5632.
- ❑ The following are other diseases reportable to local boards of health. Please report as soon as possible:

Amebiasis
Anthrax
Babesiosis
Brucellosis
Campylobacter Enteritis
Chickenpox (varicella)
Cholera
Cryptosporidiosis
E coli O157: H7
Encephalitis (specify type if known)
Foodborne Poisonings:
 Botulism
 Paralytic Shellfish Poisoning
Giardiasis
Hansen's Disease
Hemolytic Uremic Syndrome
Hepatitis, Viral Type A (non-foodhandler)
Hepatitis, Viral Type B (acute or chronic)
Hepatitis, Viral Type C (nonA/nonB)
Hepatitis, Viral Unspecified
Kawasaki Disease
Legionellosis

Leptospirosis
Listeriosis
Lyme Disease
Malaria
Meningitis (viral, other)
Mumps
Pertussis (Whooping Cough)
Psittacosis
Rabies (animal)
Reye Syndrome
Rheumatic Fever
Rocky Mountain Spotted Fever
Salmonellosis (including typhoid and paratyphoid fevers)
Shigellosis
Toxic Shock Syndrome
Toxoplasmosis
Trichinosis
Tularemia
Yellow Fever
Yersiniosis

- ❑ There are mandatory statewide reporting requirements for all **pediatric blood lead** test results. Please report all pediatric blood lead levels of 25 ug/dL or greater within three days of testing and all other pediatric blood lead results within seven days of testing to the Childhood Lead Screening Laboratory at (617) 983-6668.
- ❑ Requirements for reporting **adult lead poisoning** are as follows: report all blood lead results of 15 ug/dL or greater within one week to the Lead Registry, Division of Occupational Safety at (617) 969-7177.

- ❑ **For Cases of Emerging and Potentially Emerging Infections including the following call MDPH at (617) 983-6800:**

Cyclospora
Dengue
Ehrlichiosis
Group A Streptococcus (invasive)
Hantavirus

Hepatitis E
Hepatitis G
Plague
Viral Hemorrhagic Fevers

- ❑ **The following diseases are directly reportable to the Massachusetts Department of Public Health:**

- HIV / AIDS - call (617) 983-6560 for information on how to report
- Sexually Transmitted Diseases call (617) 983-6952
 - Chancroid
 - Chlamydial Infections (genital)
 - Genital Warts
 - Granuloma Inguinale
 - Gonorrhea
 - Herpes, Neonatal (onset within 30 days after birth)
 - Lymphogranuloma Venereum
 - Ophthalmia Neonatorum
 - a) Gonococcal
 - b) Other Agents
 - Pelvic Inflammatory Disease
 - a) Gonococcal
 - b) Other Agents
- Syphilis
- Tuberculosis call 1-888-MASSMTB (24 hours / 7 days)
- Rabies Post-exposure Prophylaxis call (617) 983-6800

- ❑ **The following work-related diseases and injuries are reportable to the Massachusetts Department of Public Health. For information on reporting, contact the Occupational Health Surveillance Program at (617) 624-563.**

- Occupational Lung Disease
 - a) Asbestosis
 - b) Silicosis
 - c) Beryllium Disease
 - d) Chemical Pneumonitis
 - e) Asthma caused by or aggravated by workplace exposures
- Work-related Heavy Metal Absorption
 - a) Mercury (blood > 15 ug/L; urine > 35 ug/g creatinine)
 - b) Cadmium (blood > 5 ug/L; urine > 5 ug/g creatinine)
- Work-related Acute Chemical Poisoning
 - a) Carbon Monoxide
 - b) Pesticide
 - c) Other
- Work-related Carpal Tunnel Syndrome
- Work-related injury to a person less than 18 years of age

For any questions regarding reportable diseases in Massachusetts contact the Communicable Disease Surveillance Program at (617) 983-6801.